


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 <p>8873</p> <p>Accredited to ISO 15189:2022</p>	<p align="center">Worcestershire Acute Hospitals NHS Trust</p> <p align="center">Issue No: 011 Issue date: 04 April 2025</p>	
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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>HUMAN BODY FLUIDS AND TISSUES</p> <p>Aspirates Cellular and fluid material contained on swabs, cannulae, Corneal scrapes, contact lenses and contact lens fluid Faeces Fluids Genital samples Pus Samples from sterile sites Semen Tissues</p>	<p><u>Microbiology examination activities for the purpose of clinical diagnosis</u></p> <p>General isolation of micro-organisms of clinical significance</p>	<p>In house documented methods based on related UK Standards for Microbiology Investigations (PHE SMIs):</p> <p>Manual or automated) inoculation followed by culture using SOPs: WI-U-MIC-Gramstain LP-U-MIC-Abscess LP-U-MIC-Bordetella LP-U-MIC-EarSwabs LP-U-MIC-EyeSwabs LP-U-MIC-FaecProc LP-U-MIC-Genitals LP-U-MIC-Nasal Specimens LP-U-MIC-OsteoTissue LP-U-MIC-ProstJointsProc LP-U-MIC-Routinespits LP-U-MIC-Sterilefluids LP-U-MIC-SupWounds LP-U-MIC-ThroatSwabs LP-U-MIC-Tips (intravascular cannulae) LP-U-MIC-TissBiopsy LP-U-MIC-IntraOcularandCornealsamples</p>
Urine	General isolation of micro-organisms of clinical significance	Mast Uri-system LP-U-MIC-MASTUriProcedure LP-U-MIC-Urine
Whole blood	General isolation of micro-organisms of clinical significance	Automated culture using BacT/Alert Virtuo and; LP-U-MIC-BCPos LP-U-MIC-BactalertProc
Urine	Quantification of white and red blood cells, bacteria, yeast, and epithelial cells, detection of casts	Automated urine analysis using Sedimax CON Trust: LP-U-MIC-Sedimax



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Microbiology examination activities for the purpose of clinical diagnosis</u> (cont'd)	In house documented methods based on related UK Standards for Microbiology Investigations (PHE SMIs):
Urine	Qualitative detection of Legionella pneumophila serogroup 1 antigen	Alere BinaxNOW® by lateral flow immunoassay LP-U-MIC-LegionellaUrineAg
Cerebral fluid samples	Quantification of white and red blood cells and bacteria	Microscopy (inc. Gram stain) using SOP: LP-U-MIC-CSF (CSF)
Swabs	Isolation of MRSA	Manual culture using: LP-U-MIC- MRSAcultScreens (MRSA screening swabs)
Respiratory samples Urine CSF	Isolation and presumptive identification of Acid-alcohol fast bacilli (inc. <i>Mycobacterium</i> spp.)	Automated culture and microscopy (screening by fluorescent microscopy using Auramine stain, and ZN light microscopy on automated detection) using BacTalert and; LP-U-MIC-BactalertProc LP-U-MIC-TBculture WI-U-MIC-AuramineTB WI-U-MIC-ZNStain
Skin, Nail	General isolation and characterisation of clinically significant fungi	Manual culture and fluorescent microscopy using calcofluor stain using SOP: LP-U-MIC-Mycology
Cultures isolated in house from the above	Identification of clinically significant bacteria and fungi	Automated Matrix-assisted laser desorption/ionisation (MALDITOF) using bioMerieux Vitek MS Prime MalDI-ToF LP-U-MIC-VitekMSPrime Biochemical profile determination using: SOP- LP-U-MIC-Vitek2Proc
Cultures isolated in house from the above	Identification of Staphylococcal isolates	Prolex staph latex SOP-LP-U-MIC-StaphID



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Cultures isolated in house from the above	Antimicrobial susceptibility testing of clinically significant bacteria	Manual disc diffusion and/or automated (Vitek2) methods using EUCAST methodology: SOP- LP-U-MIC-DiscTestingMethod SOP- LP-U-MIC-Vitek2Proc Gradient MIC determination by E-test LP-U-MIC-Etestprocedure
Cultures isolated in house from the above	Serological identification of groups A, B, C, D, F and G of the Lancefield groups of Streptococci grown on agar plates	Pro-Lab Strep grouping kit SOP-LP-U-MICStrepID
Cultures isolated in house from the above	Detection of <i>Salmonella</i> polyvalent 'O' (PSO) and <i>Salmonella</i> polyvalent 'H' (PSH); <i>Shigella</i> species; <i>Vibrio</i> species.	MAST agglutination using SOP-LP-U-MIC-Sal/ShigID LP-U-MIC-VibriolD
Cultures isolated in house from the above	Identification of <i>E. coli</i> O157	E.coli O157 Oxoid Latex Test using: LP-U-MIC-0157ID
Cultures isolated in house from the above	Identification of <i>Campylobacter</i> species	Light microscopy and Gram stain using: LP-U-MIC-CampID
Cultures isolated in house from the above	Identification of <i>Yersinia</i> species	LP-U-MIC-YersID
Faeces	Detection of ova, cysts and parasites (OCP)	Concentration and light microscopic examination using Parasep method: LP-U-MIC-EndoParasiteProc
Faeces	Detection of <i>Cryptosporidium</i> oocysts	Fluorescent microscopy (Auramine stain) using: LP-U-MIC-EndoParasiteProc WI-U-MIC-CryptoStain
Faeces	Detection of <i>C. difficile</i> GDH antigen	Launch/Alere DS2 (EIA): LP-U-MIC-GDHEIA LP-U-MIC-DS2
Faeces	Detection of <i>C. difficile</i> toxin A & B	Launch/Alere DS2 (EIA): LP-U-MIC-CDToxinABEIA



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Faeces	Detection of Rotavirus	Alere DS2 (EIA): LP-U-MIC-RotavirusEIA
Faeces	Detection of Helicobacter pylori antigen	Launch/Alere DS2 (EIA): LP-U-MIC-HPSAg
Faeces	Detection of <i>C. difficile</i> / (GDH/Toxin A/B)	Automated ELISA using DS2 analyser: LP-U-MIC-GDHEIA LP-U-MIC-CDToxinABEIA
	<u>Serological activities for the purpose of clinical diagnosis</u>	Documented in house methods incorporating manufacturers' instructions Using specified analysers/method
Plasma	EBV Serology	LP-U-MIC-EBVVIDASProc
Serum	CMV IgG CMV IgM	LP-U-MIC-CMVlgGVIDAS LP-U-MIC-CMVlgMVIDAS
	Hepatitis A IgG Hepatitis A IgM	LP-U-MIC-HepAlgGVIDAS LP-U-MIC-HepAlgMVIDAS
	Hepatitis B Surface antigen Hepatitis B core antibody	LP-U-MIC-HBsAgVIDAS LP-U-MIC-HBcAbVIDAS
	HIV detection and confirmation	LP-U-MIC-HIV12AgABVIDAS and Abbott determine LP-U-MIC-HIV1&2Confirmation Manual test
	Mumps Serology	LP-U-MIC-MumpsIgGVIDAS
	Rubella detection	LP-U-MIC-RubellaIgGVIDAS LP-U-MIC-RubellaIgMVIDAS
	Toxoplasma detection	LP-W-MIC-ToxoVIDAS
	Borellia	LP-U-MIC-LymeVIDAS



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Serum	Measles Serology	EIA using Diasorin XL: LP-U-MIC-MeaslesIgG
	VZV serology	EIA using Biomerieux VIDAS3: LP-U-MIC-VZVIgGEIA LP-U-MIC-VZVIgVIDAS
	Anti-streptococcal serology	Biokit latex slide method: LP-U-MIC-ASOT LP-U-MIC-ASD
	Syphilis*	'Documented -in-house methods to meet the requirements of the Infectious Diseases in Pregnancy screening programme as defined in the 'Infectious diseases in pregnancy screening: laboratory QA evidence requirements' (relevant tests marked with *) Chemiluminescence immunoassay using Diasorin XL LP-U-MIC-TreponemaPallidum
	Hepatitis B Surface Antigen*	LP-U-MIC-HBsAgEIA
	HIV*	
	Parvovirus IgG	
	Parvovirus IgM	
	Hepatitis B Core Antibody	LP-U-MIC-HBcAbEIA
	Anti-Hepatitis B Surface Antigen	LP-U-MIC-HBsAbEIA
	Hepatitis C IgG	
	Hepatitis A IgM	
	Hepatitis A IgG	LP-U-MIC-HepAIgG
	CMV IgM	LP-U-MIC-CMVlgM



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HUMAN BODY FLUIDS AND TISSUES (cont'd) Serum (cont'd)	<u>Serological activities for the purpose of clinical diagnosis</u> (cont'd) Rubella IgG IGRA (TB QuantiFERON) Measles IgG COVID Trimeric Ab	Documented in house methods incorporating manufacturers' instructions Using specified analysers/method Chemiluminescence immunoassay using Diasorin XL LP-U-MIC-Treponema Pallidum



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Molecular examination activities for the purpose of clinical diagnosis</u>	Documented in house methods incorporating manufacturers' instructions where relevant:
Nose swabs	Molecular detection of MRSA	Qualitative real time PCR using Cepheid GeneXpert LP-U-MIC-MRSAPCPCepheid
Nasal and nasopharyngeal swabs	Molecular detection of Influenza A & B and RSV	Qualitative real time PCR using Cepheid GeneXpert LP-U-MIC-FLUPCPCepheid
Nose, Throat and Nasopharyngeal swabs	<u>Molecular detection of FluA, FluB, RSV and SARS-CoV-2</u>	Qualitative real time PCR using Cepheid GeneXpert Xpress Cov-2/Flu/RSV LP-U-MIC-SARS-CoV-2
Viral Swabs	Molecular detection of HSV	Roche cobas6800 platform and Roche LightCycler 2.0 LP-U-MIC-HSVPCR
Endocervical swabs, vaginal swabs, male/female urine, vulval swabs, urethral swabs	Detection of <i>Chlamydia trachomatis</i> and <i>Neisseria gonorrhoeae</i> DNA	Roche COBAS6800 Nucleic acid amplification: LP-U-MIC-COBAS6800 and Confirmation using Cepheid GeneXpert LP-U-MIC-CepheidCT&GCPCR
Faeces	Detection of <i>C. difficile toxin</i> A & B	Confirmation on Cepheid GeneXpert: LP-U-MIC-CDIFFPCR
Faeces	Molecular detection of Norovirus	Qualitative rel time PCR using Cepheid GeneXpertLP-U-MIC-NOROPCPCepheid
Plasma	HIV viral load	Roche COBAS6800: LP-U-MIC-COBAS6800HIV



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Serum and Plasma	HCV Quantitative	ROCHE COBAS 6800 LP-U-MIC-COBAS6800HCV
CSF	Detection of following organisms Escherichia coli K1, Haemophilus influenzae, Listeria Monocytogenes, Neisseria meningitidis, Streptococcus agalactia (Group B Strep), Streptococcus pneumoniae, Cytomegalovirus (CMV), Enterovirus, Herpes simplex virus 1 (HSV-1), Herpes simplex virus 2 (HSV-2), Human herpesvirus 6 (HHV-6), Human parainfluenza virus, Varicella zoster virus (VZV) , Cryptococcus neoformans/gattii-	Biofire Film Array Torch Multiplex PCR system LP-U-MIC-FilmArrayMEPanelProc
Nasopharyngeal swabs	Detection of Adenovirus, Coronavirus 229E, Coronavirus HKU1, Coronavirus NL63, Coronavirus OC43, MERS-CoV, SARS-CoV-2, Human Metapneumovirus, Human rhinovirus/enterovirus, Influenza A, A/H1, A/H3, A/H1-2009, B, Parainfluenza virus 1, 2, 3, 4, RSV, Bordetella Parapertussis, Bordetella pertussis, Chlamydia pneumoniae, Mycoplasma pneumoniae	bioMerieux Biofire FilmArray Torch RP2.1 plus panel LP-U-MIC-FilmArrayRP2Panel



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Combined nose & throat swabs in VTM	Detection of SARS-CoV-2 virus RNA (COVID-19); specific gene sequences N and E2	Realtime PCR using: Cepheid GeneXpert & Xpert Xpress SARS-CoV-2 kit on GeneXpert DX system
Nasopharyngeal swabs in VTM	Detection of SARS-CoV-2 virus RNA: Specific gene targets of N2 and NSP2	Realtime RT-PCR using: Qiagen NeuMoDx system SOP-LP U MIC NeuMoDx SARS2
END		